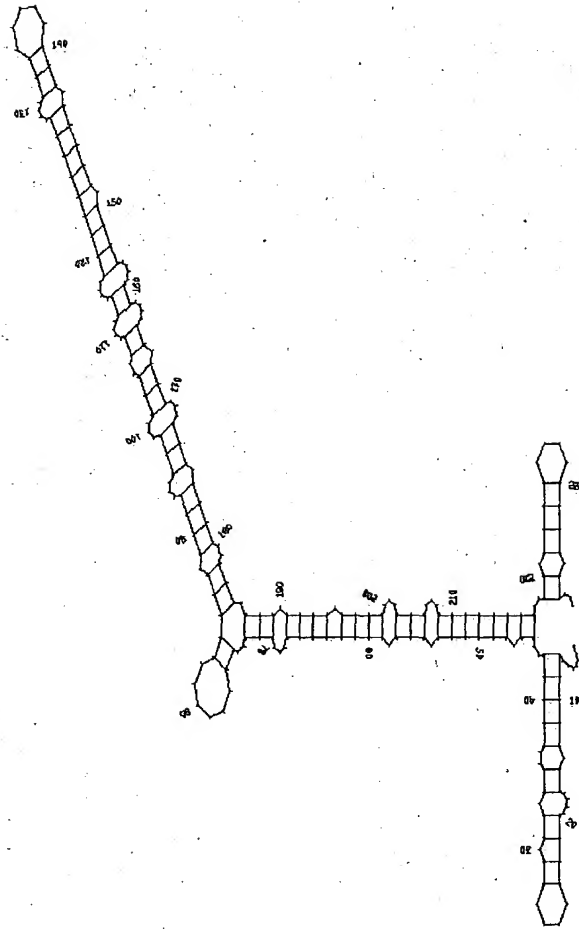


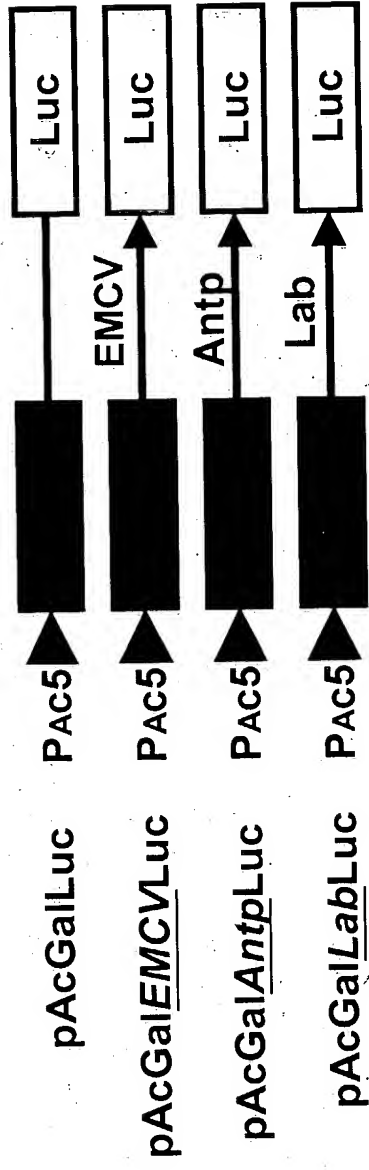
1A. Lab 5'UTR

```
1 atcagtcacg acttggttaag cgcgcaggca gcacgtcgtc gtcgtcatcg  
51 ccaacgggag tcgtgttttt cggttcgata cagataaaac ccacgtcgat  
101 agccctcgac cgtcgcgtaa tattcttaga aagcaaacag ctaaagaact  
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201 tatcggagtg gcgagaaagt gtggttcogg ctggacaat
```

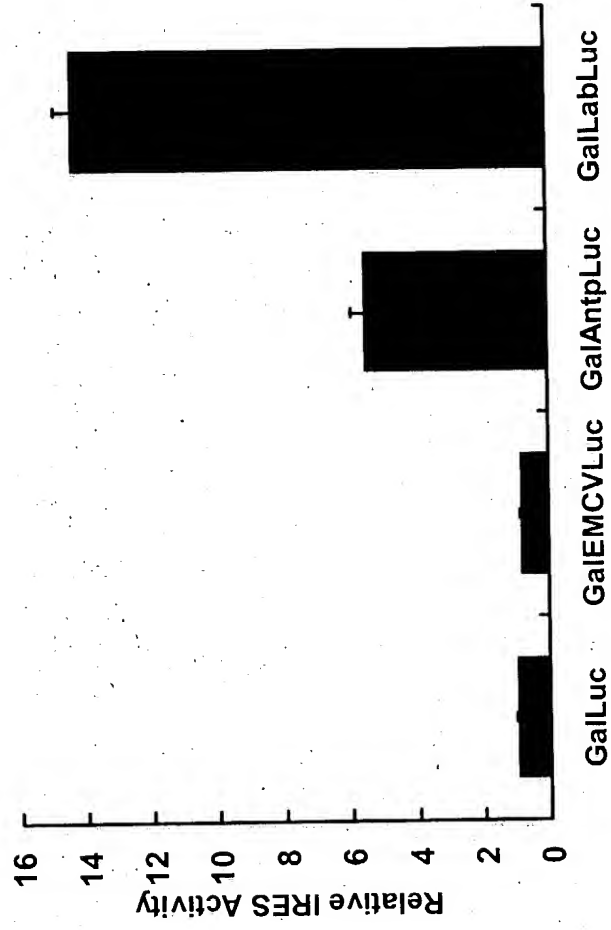
1B. Secondary Structure (Y-shape)



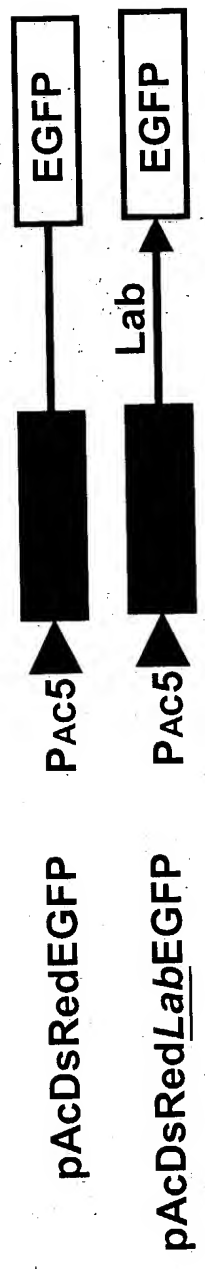
2A



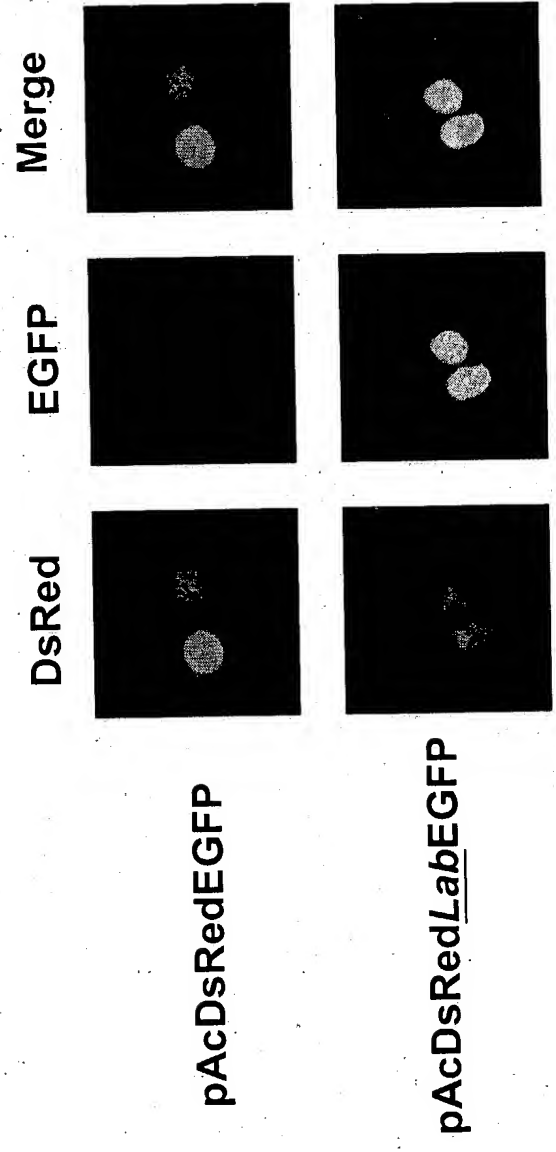
2B



2C

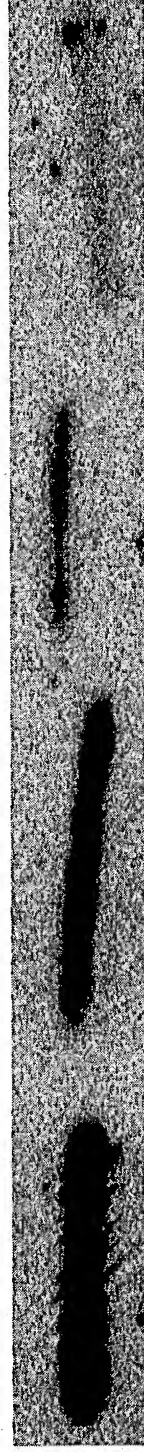


2D

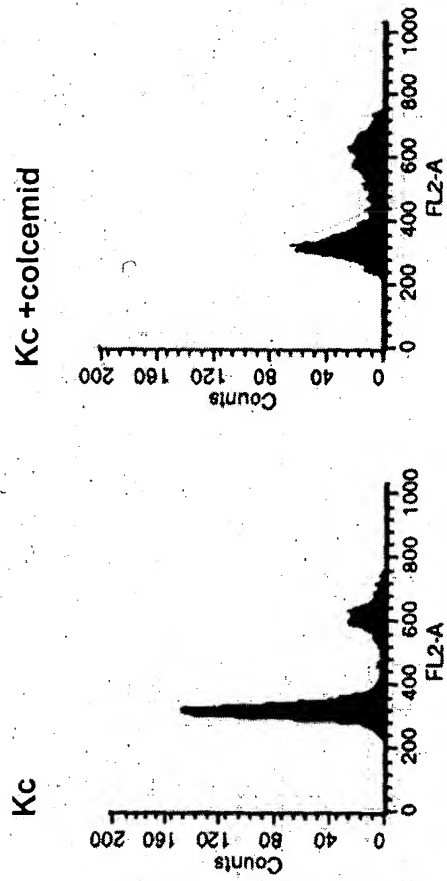


2E

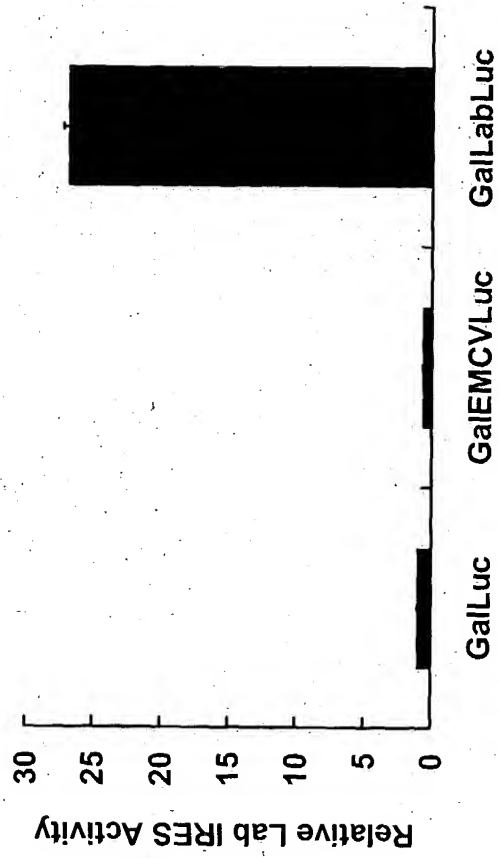
pAcGalLuc pAcGalEMCVLuc pAcGalAntpLuc pAcGalLabLuc



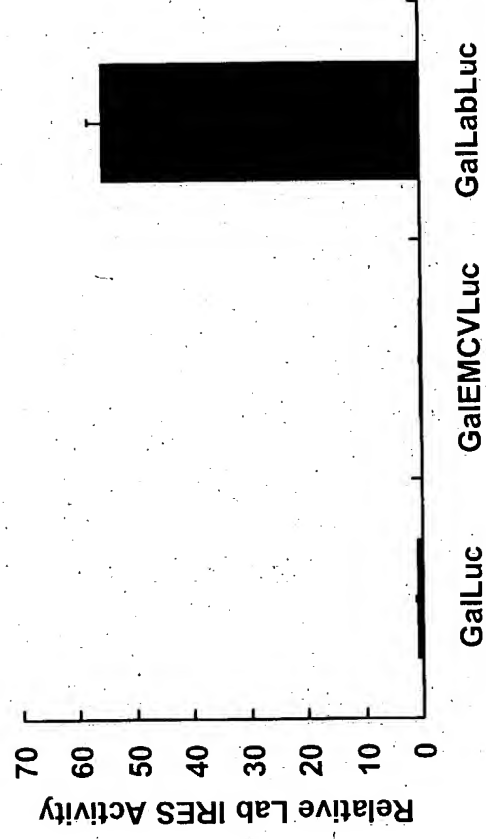
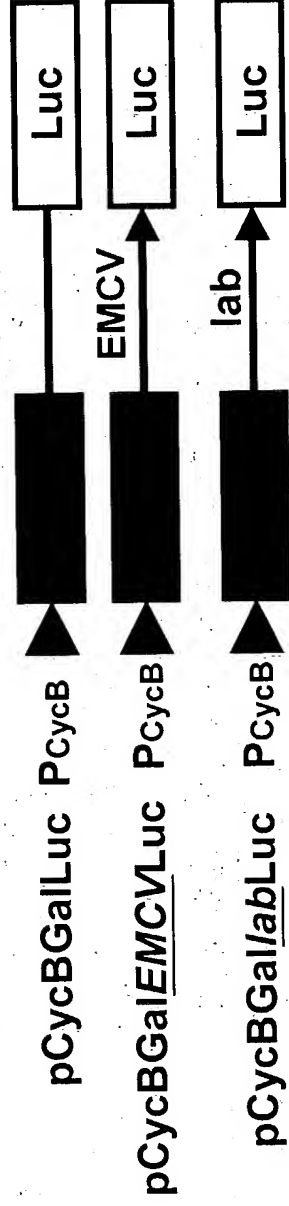
2F

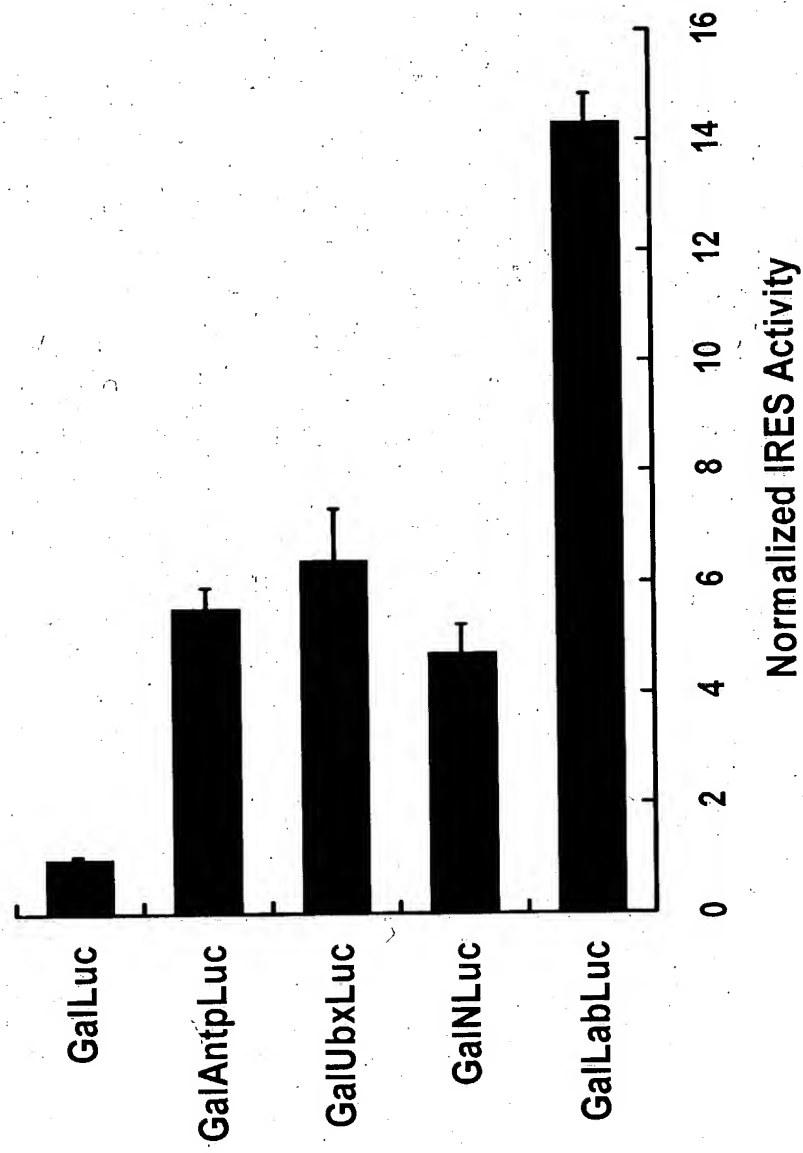


2G



2H

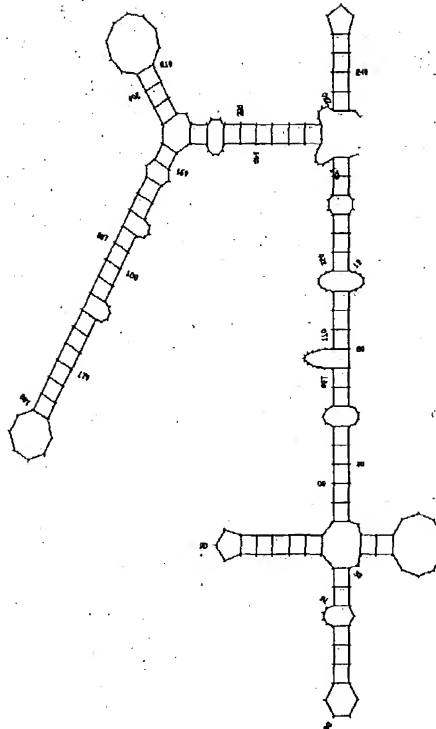




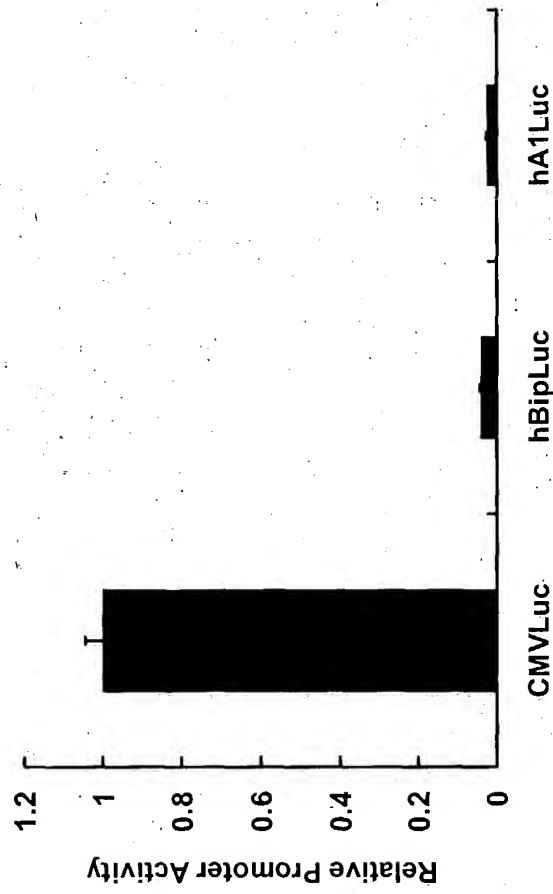
4A. Homeobox A1 5'UTR

Lab 5'UTR	ATCACTCAACGACTGGCT-----AAGCCGCCAGGACGACGTCCTC-GTCGTCAAT-CG
A1 5'UTR	AGCCCGCGGATTAATGCCACTAAACCGGTCTCCATCACTCCGAAACCCGCGCAAGT
Consensus	A-CA-t-a-GACTTg-----AAGCG--A--CA-CAC--CG---GtCG-CA--C-
Lab 5'UTR	CCACCGGAGTCGTCTTTTCGGTTTCGATACACATAA--CCACGTCGATAGCCCTCG
A1 5'UTR	TTTTCAGGAGCTCAGCGATTGGCT-GACACGTCACGTGCCCTCTCCAGCGTCCCTC
Consensus	CC-aCGGAG-C-tg--tt-TGGGTI-GATAC-G-ta-a---CCC-C-TC-A--GCCCTC-
Lab 5'UTR	ACCGTCGCGTAATAT-TCTTAGAAGCAACACGCTAAAGACTATT-----TCAAGAACTG
A1 5'UTR	GGCTCCCGCCCCCTCCCTGCGCACTGTCATTCATATCTATTCTTCTTCCGCGCCCA
Consensus	aCC-TC-CGt--t-t-TCTTa-a-A-ca-ACA-cta-A--ACT-TT---TC-ag--Ctg
Lab 5'UTR	TGTCGCAAGTGA-AGGCTAGTGTGATACACCGGTATATCCGTCGTGCCGAAAGTGT
A1 5'UTR	TGACGCAAGTGAGAAAGTGGACAGTCAACCGCGGT--TCCGAG-CACCAAG-----GT
Consensus	TG-SG-AAGTGA-AGgGT-G-ta--G-tacacCGg-t---TCG-AG-GgC-AG-----GT
Lab 5'UTR	GGTTCGCGCTGGACAA
A1 5'UTR	CACCACT--GACAG
Consensus	-GtTC-G----GACaA

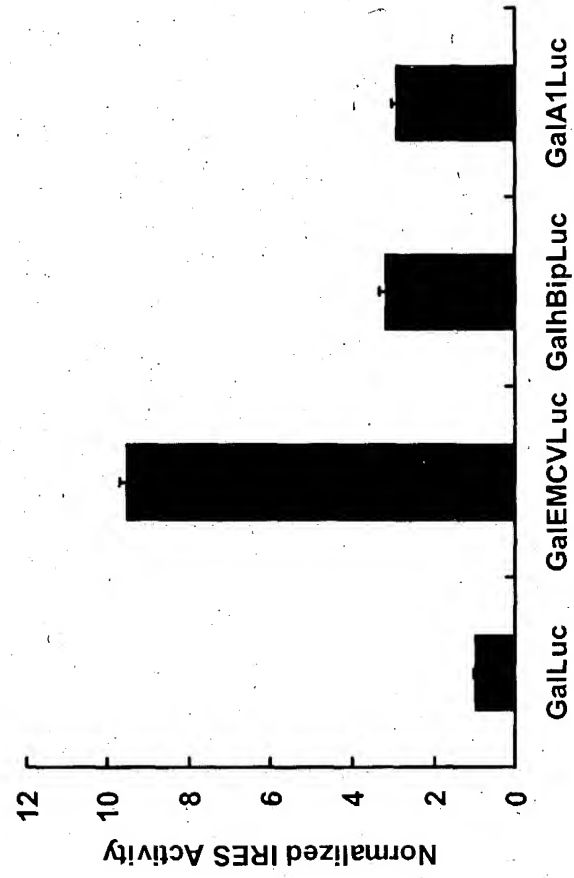
4B. Secondary Structure



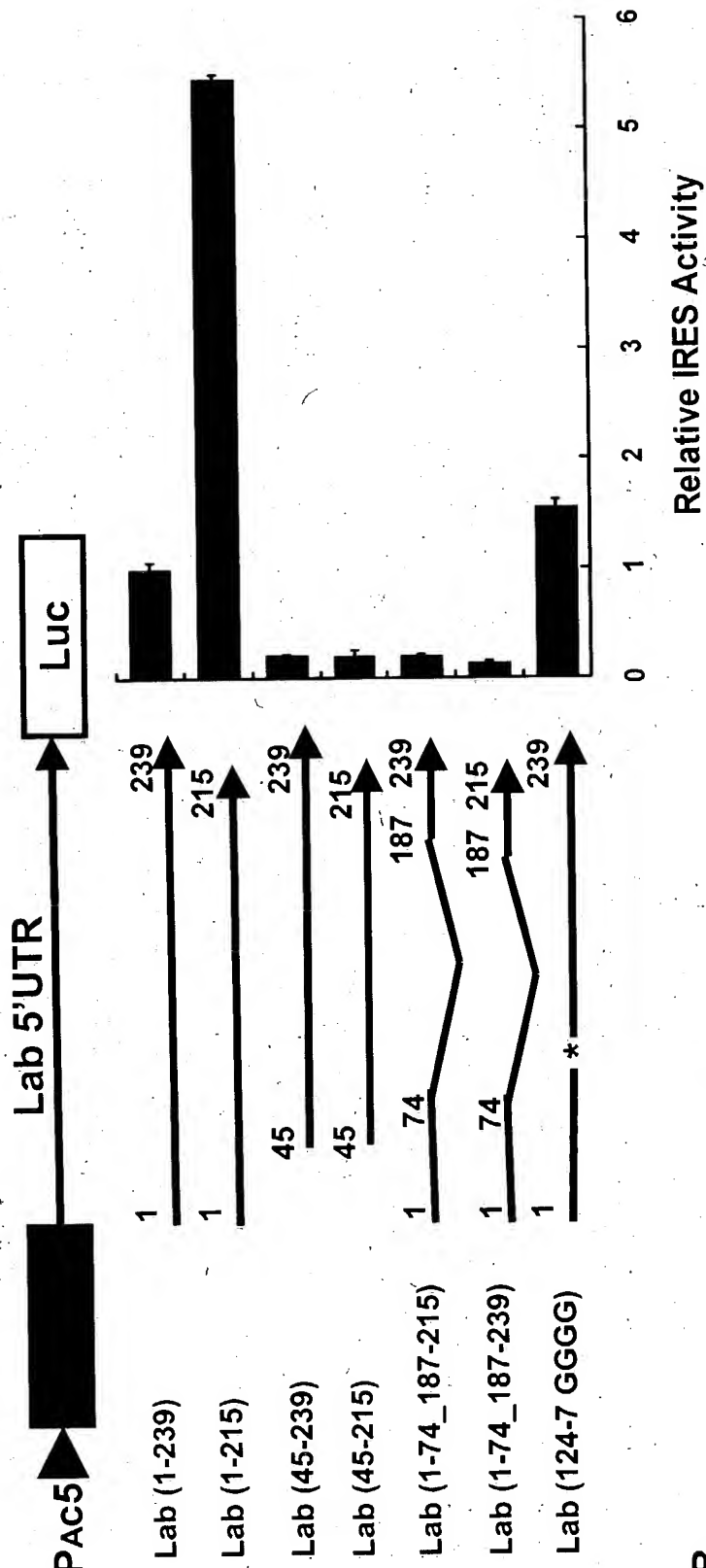
5A



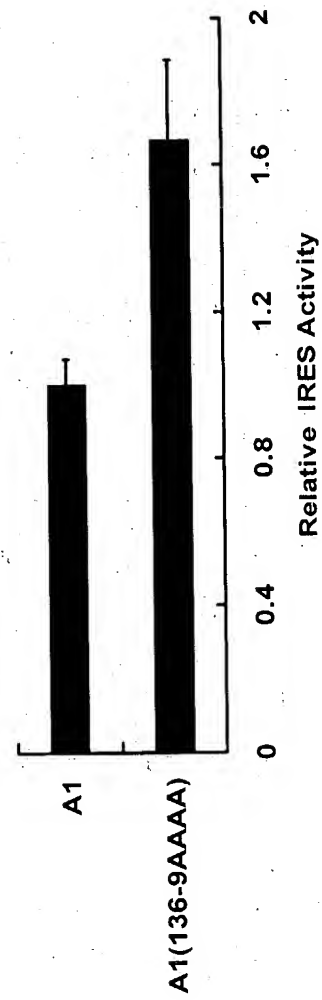
5B



6A

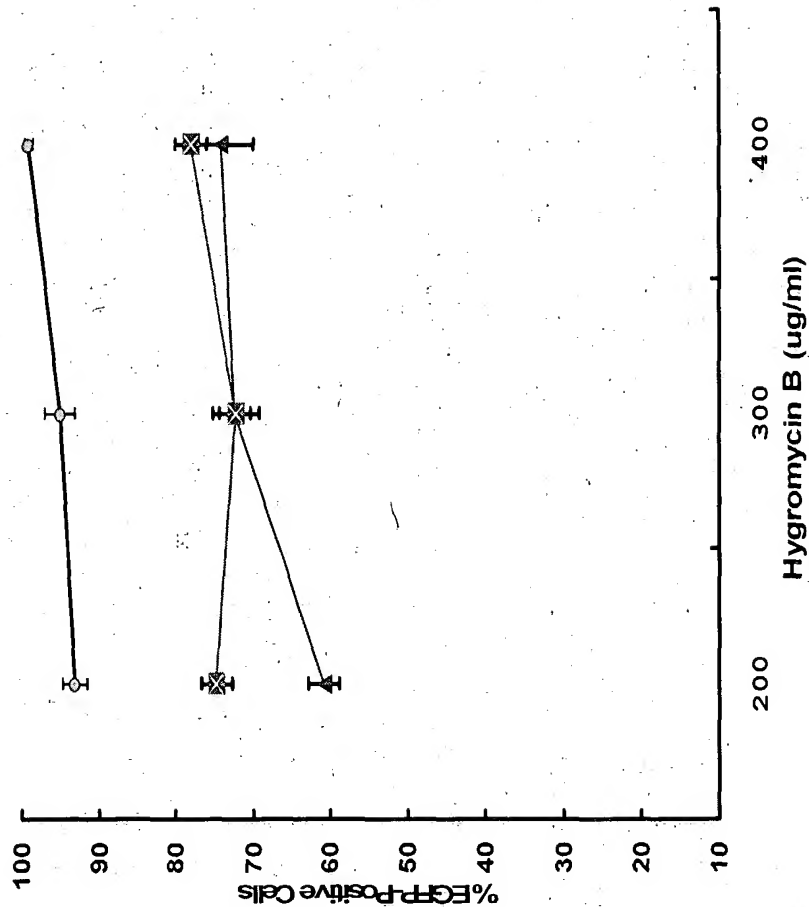


6B

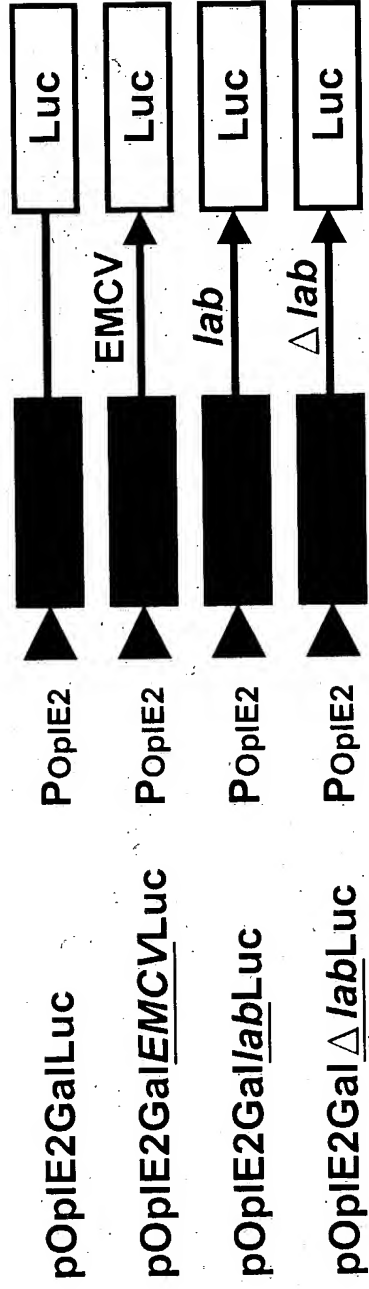




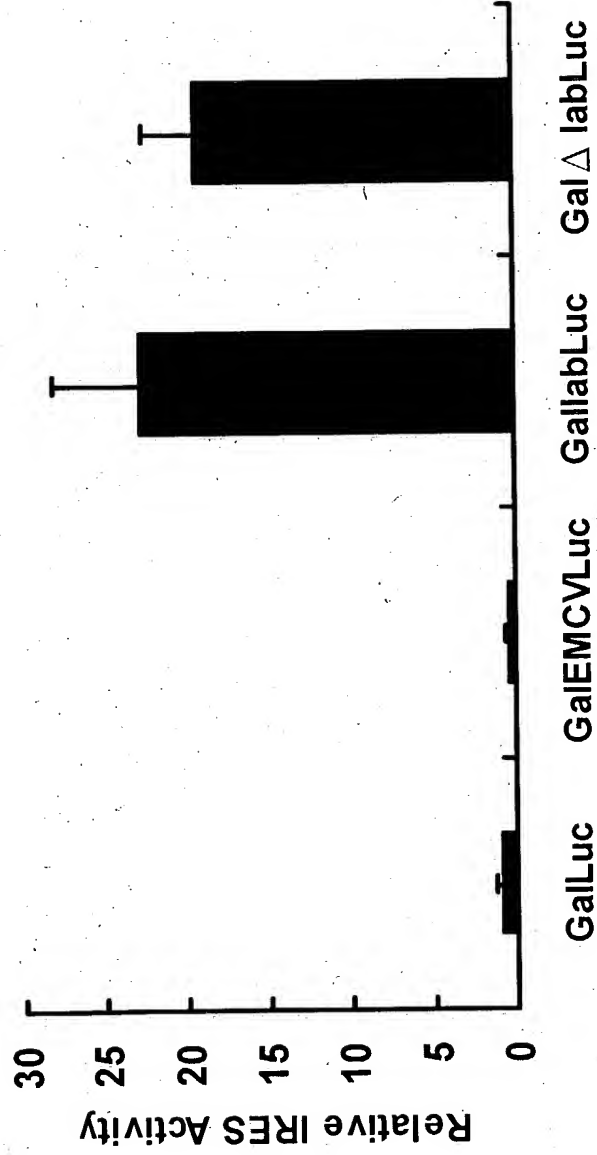
—○— EGFP/*lab*Hyg —▲— EGFP:Hyg (1:5) —✕— EGFP:Hyg (1:40)



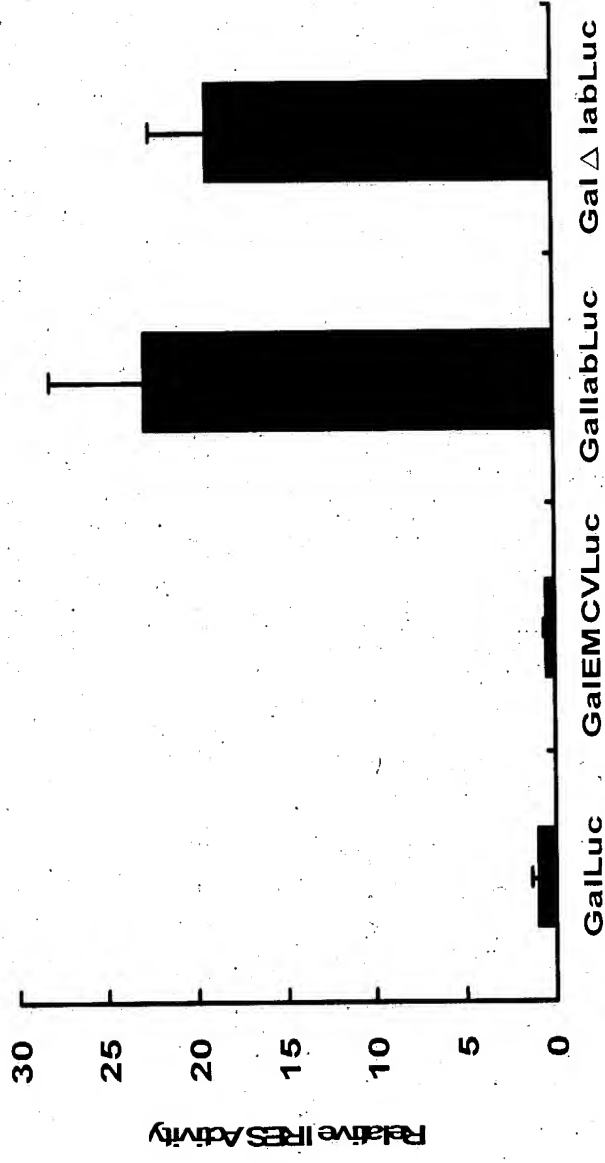
8A



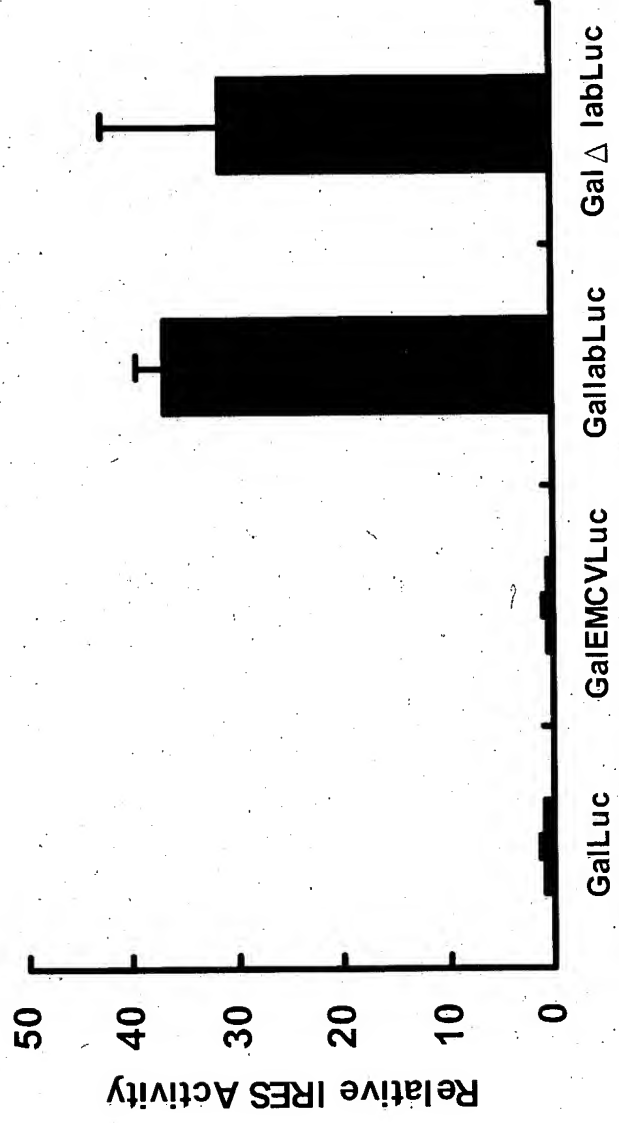
8B



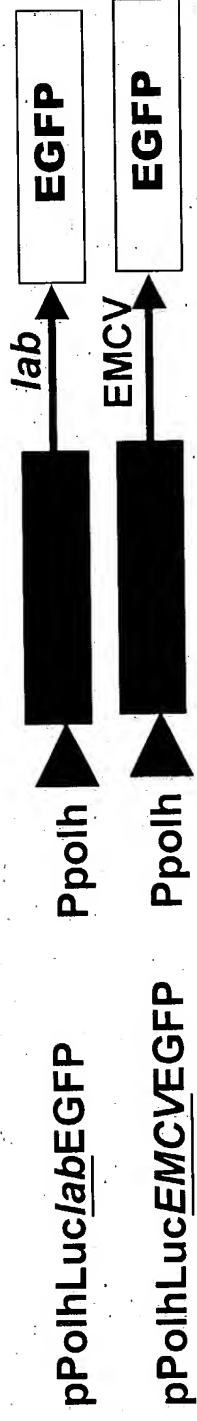
8C



8D



9A



9B

